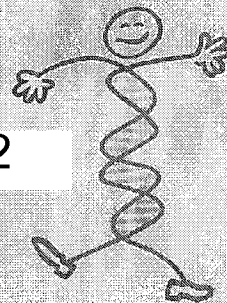


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EXHIBIT 2



Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

180

Cust. Order ref. no.
Shipping date:
Delivery: Standard
Oligo no. 225894
Order ID/Lot. 48208-4/12

Oligo type: ScanPrimer
Oligo name: Fel d1-1R2
Reference:
Sequence

Oligo Scale ScanPrimer

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CCT	CTC	GAG	GCA	CAG	CGG	GGA	GGT	GTA	GAT	T			
														3'

xhol

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5' DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 31

Concentration, A260	1.2
Conc. pmol pr. µl	4.1
Conc. mg pr. ml	0.4

OD units	1.2
App. Mol. Weight, gram pr. mol	9617.05
Yield in mg	0.0396

STORE AT minus 20°C

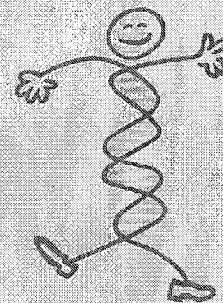
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Vat no.: DK-66 11 98 15
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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

181

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

225895

48208-5/12

Oligo type: ScanPrimer

Oligo name: Fel d1-2F1

Reference:

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GTA	CAT	ATG	GTT	AAA	ATG	GCT	GAA	ACC	TGC	CCG	A		
3'														

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH2O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH2O.

No. of Couplings: 34

Concentration, A260	20,8
Conc. pmol pr. µl	66
Conc. mg pr. ml	0,7

OD units	2,08
App. Mol. Weight, gram pr. mol	10475,05
Yield in mg	0,0686

STORE AT minus 20°C

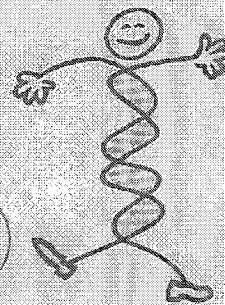
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Karolinska Hospital
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S-17176 Stockholm Sverige

Datasheet 132

Cust. Order ref. no.
Shipping date:
Delivery: Standard
Oligo no. 207854
Order ID/Lot. 42961-6/9

Customer no.: 4001787
PhD Omid Rasool

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 6

Reference:

E1d1 chan 1 primer 1

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GTA	CAT	ATG	GAA	ATC	TGC	CCG	GCT	GTT	AAA	CGT	GAC	GTT	GAC	CTG
	TTC	CTG	ACC	GGT	ACC	CCG	GAC	GAA	TAC	GTT	GAA	CAG	GTT	G	
															3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 85

Concentration, A260	3.2
Conc. pmol pr. µl	4.0
Conc. mg pr. ml	1.1

OD units	6.4
App. Mol. Weight, gram pr. mol	26297
Yield in mg	0.21

STORE AT minus 20°C

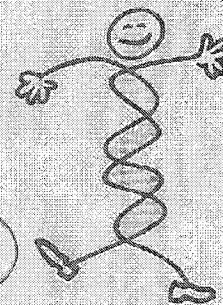
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S-17176 Stockholm Sverige

Datasheet

133

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207857

Order ID/Lot.

42961-7/9

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 7

Reference:

Fcl d1 chain 1 primer 2

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GGC	AGA	GCT	TTG	TAC	TGA	GCA	ACC	TGT	TCA	ACG	TAT	TCG	TCC	GGG
	TGA	GCA	ACC	TGT	TCA	ACG	TAT	TC							

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 68

Concentration, A260	9.2
Conc. pmol pr. µl	145
Conc. mg pr. ml	3

OD units	18.4
App. Mol. Weight, gram pr. mol	20991
Yield in mg	0.61

STORE AT minus 20°C

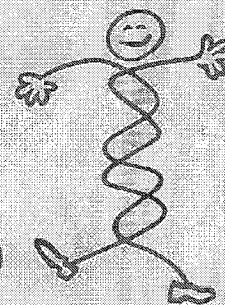
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Datasheet

134

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207858

42961-8/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 8

Reference:

Fel d1, chain 1 primer 3

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5' TGC	TCA	GTA	CAA	AGC	TCT	GCC	GGT	TGT	TCT	GGA	AAA	CGC	TCG	TAT
CCT	GAA	AAA	CTG	CGT	TGA	CGC	TAA	AAT	GAC	C				

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 76

Concentration, A260	122
Conc. pmol pr. µl	172
Conc. mg pr. ml	4

OD units	24,4
App. Mol. Weight, gram pr. mol	23448
Yield in mg	0,81

STORE AT minus 20°C

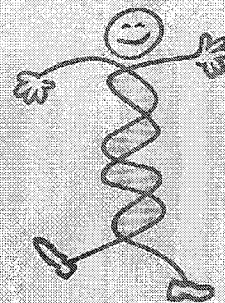
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Datasheet **135**

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207859

Order ID/Lot.

42961-9/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 9

Reference:

Sequence

For d1 chain 1 primer 4

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CCT	CTC	GAG	GCA	CAG	CGG	GGA	GGT	GTA	GAT	TTT	GTC	CAG	CAG	GGA
	CAG	AGC	GTT	TTC	TTT	GTC	TTC	TTC	GGT	CAT	TTT	AGC	GTC	AAC	GC
															3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 89

Concentration, A260	8.5
Conc. pmol pr. µl	102
Conc. mg pr. ml	2.8

OD units	1.7
App. Mol. Weight, gram pr. mol	27543
Yield in mg	0.56

STORE AT minus 20°C

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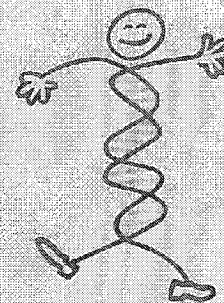
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(127)



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S-17176 Stockholm Sverige

Datasheet

Cust. Order ref. no.

Shipping date:

Delivery:

Standard

Oligo no.

207838

Order ID/Lot.

42961-1/9

Customer no.: 4001787

PhD Omid Rasool

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 1

Reference:

fel d1 chain 2 primer 1

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GTA	CAT	ATG	GTT	AAA	ATG	GCT	GAA	ACC	TGC	CCG	ATC	TTC	TAC	GAC
	GTT	TTC	TTC	GCT	GTT	GCT	AAC	GGT	AAC	GAA	C				

3'

Modifications:

Labelling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 76

Concentration, A260	109
Conc. pmol pr. µl	154
Conc. mg pr. ml	3,6

OD units	21,8
App. Mol. Weight, gram pr. mol	23420
Yield in mg	0,72

STORE AT minus 20°C

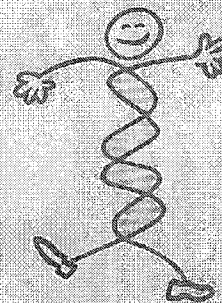
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Datasheet

128

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.

Shipping date:

Delivery:

Oligo no.

Order ID/Lot.

Standard

207842

42961-2/9

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 2

Reference:

Fel d1 chain 2 primer 2

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5'	GGT	ACG	TTC	CGG	TTC	GGT	AGC	GTT	AAC	TTT	GGT	CAG	GGA	CAG	GTC
	CAG	CAG	CAG	TTC	GTT	ACC	GTT	AGC	AAC	AGC					

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH2O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH2O.

No. of Couplings: 75

Concentration, A260	143
Conc. pmol pr. µl	203
Conc. mg pr. ml	4,7

OD units	28,6
App. Mol. Weight, gram pr. mol	23255
Yield in mg	0,94

STORE AT minus 20°C

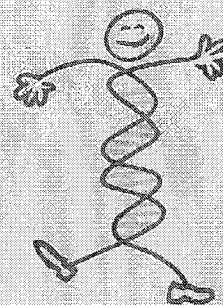
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S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.
Shipping date:
Delivery: Standard
Oligo no. 207844
Order ID/Lot. 42961-3/9

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 3

Reference:

Fel d1 chain 2 primer 3

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CTA	CCG	AAC	CGG	AAC	GTA	CCG	CTA	TGA	AAA	AAA	TCC	AGG	ACT	GCT
	ACG	TTG	AAA	ACG	GTC	TGA	TCT	CCC	GTG	TTC	TGG	AC			

3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 80

Concentration, A260	53
Conc. pmol pr. µl	71
Conc. mg pr. ml	1,7

OD units	10,6
App. Mol. Weight, gram pr. mol	24663
Yield in mg	0,35

STORE AT minus 20°C

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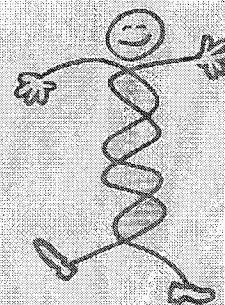
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130



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Datasheet

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no. _____
Shipping date: _____
Delivery: Standard
Oligo no. 207847
Order ID/Lot. 42961-4/9

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 4

Reference:

Feb d11 chann 2 primer 4

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	GCT	TCA	CCC	ATG	CAG	TCT	TTG	GAG	GAG	GAG	ATG	GTG	GTC	ATA	ACC
	AGA	CCG	TCC	AGA	ACA	CGG	GAG	ATC	AG						
															3'

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 71

Concentration, A260	6.7
Conc. pmol pr. µl	100
Conc. mg pr. ml	2.2

OD units	13.4
App. Mol. Weight, gram pr. mol	22065
Yield in mg	0.44

STORE AT minus 20°C

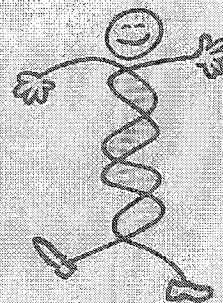
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Karolinska Hospital
Klinisk Immunologi L2:04
S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Cust. Order ref. no.
Shipping date:
Delivery: Standard
Oligo no. 207850
Order ID/Lot. 42961-5/9

Oligo type: DNA Oligo

Oligo Scale 40 nmol

Oligo name: Primer 5

Reference:

Fel 41 chain 2 primer 5

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5'	CAA	AGA	CTG	CAT	GGG	TGA	AGC	TGT	TCA	GAA	CAC	CGT	TGA	AGA	CCT
	GAA	ACT	GAA	CAC	CCT	GGG	TCG	CTC	GAG	AGG					

3'

Modifications:

Labelling:

Purifications:

DMT-ON oligonucleotide is RP-HPLC purified, DMT group removed, and oligonucleotide is EtOH precipitated and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 200 µl ddH₂O.

No. of Couplings: 75

Concentration, A260	9.6
Conc. pmol pr. µl	136
Conc. mg pr. ml	3.2

OD units	19.2
App. Mol. Weight, gram pr. mol	23294
Yield in mg	0.63

STORE AT minus 20°C

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Datasheet

138

Cust. Order ref. no.
Shipping date:
Delivery:
Oligo no.
Order ID/Lot.

Standard
208556
3184-1/1

Oligo Scale ScanPrimer

Reference:

Sequence

	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45
5'	CCT	CTC	GAG	ACG	ACC	CAG	G								

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 μ g.

Oligo

Oligonucleotide is dissolved in 100 μ l ddH₂O.

No. of Couplings: 19

Concentration, A260	15,2
Conc. pmol pr. μ l	86
Conc. mg pr. ml	0,5

OD units	1,5
App. Mol. Weight, gram pr. mol	5820
Yield in mg	0,05

STORE AT minus 20°C

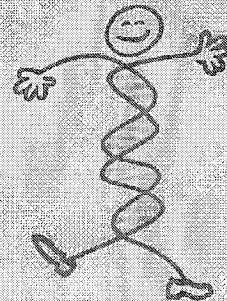
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S-17176 Stockholm Sverige

Datasheet

Customer no.: 4001787
PhD Omid Rasool

Oligo type: ScanPrimer

Oligo name: Fd 2(2+1)

Reference:

Sequence

3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	
5'	CGT	TTA	ACA	GCC	GGG	CAG	ATT	TCA	CGA	CCC	AGG	GTG	TTC	AGT	TTC

Modifications:

Labeling:

Purifications:

DMT-ON oligonucleotide is Reverse-Phase-Fast-Cartridge-Purified (RP-FCP), 5'DMT group removed, and oligo is dried and redissolved in ddH₂O.

Special Notes

Approximation: 1 OD = 33 µg.

Oligo

Oligonucleotide is dissolved in 100 µl ddH₂O.

No. of Couplings: 45

Concentration, A260	2.8
Conc. pmol pr. µl	6.7
Conc. mg pr. ml	0.9

OD units	2.8
App. Mol. Weight, gram pr. mol	13828.05
Yield in mg	0.0924

STORE AT minus 20°C

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